

selected from the group consisting of an organic polymer powder article, microorganism, blood cell and cell membrane fragment, said insoluble carrier being capable of aggregation;

(b) an enzyme inhibitor for inhibiting activity of said enzyme; said enzyme inhibitor being in a free state uncoupled to an antigen or antibody and

(c) a substrate with which the enzyme reacts, said components (a)-(c) being maintained separate and apart and mixed together only with a sample containing the target antigen or antibody.

*Duffy B
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3. (Thrice Amended) An immunoassay reagent for use in quantitative determination of a target antigen or antibody present in a sample, said reagent consisting essentially of the following components:

(a) an insoluble carrier which carries and is coupled to an enzyme inhibitor and an antibody or antigen reactive with said target antigen or antibody, said insoluble carrier comprising at least one selected from the group consisting of an organic polymer powder particle, microorganism, blood cell and cell membrane fragment, said insoluble carrier being capable of aggregation;

(b) an enzyme whose activity is inhibited by said enzyme inhibitor; said enzyme being in a free state uncoupled to an antigen or antibody and

(c) a substrate with which the enzyme reacts, said components (a)-(c) being maintained separate and apart and sequentially mixed together only with a sample of target antigen or antibody.

11. (Thrice Amended) An immunoassay method for quantitatively determining a target antigen or antibody present in a sample, comprising:

C3 mixing the immunoassay reagent of claim 1 with the sample to thereby facilitate an enzyme reaction and an antigen-antibody reaction resulting in agglutination of the insoluble carrier; and

measuring absorbance of the resulting mixture as an index of an amount of target antigen or antibody in the sample.